

AIB raises salary increases for two unions

The Anti-Inflation Board has reconsidered its January decision on a roll-back to U of T library workers and U of T police. The library workers were awarded an additional 4.28 percent increase. The police were awarded an additional increase of 3.4 percent.

The library workers' union and the University settled on an 18.2 percent one-year increase last December, but the AIB recommended in January that this be held to 12.2 percent. The latest decision raises the increase to 16.48 percent for the contract which expires next June 30.

The AIB also permitted the United Plant Guard Workers (U of T police) bargaining unit a total compensation increase including benefits, of 15.4 percent effective December 1, 1975 and of 8 percent effective December 1, 1976.

Vice-President Frank Iacobucci, one of three University representatives who went to Ottawa to present a brief to the AIB arguing in favour of maintaining the original settlements with the two unions, was "somewhat gratified" by the reaction of the Board.

"We prepared briefs for the Board, the arguments of which seem to have been accepted," said Iacobucci. "We are pleased they saw fit to reconsider and give increases that are substantially closer to the settlements that were arrived at by the University and the unions. Naturally, I would have preferred approval of the settlements in full.

"I understand that John Parker, Manager, Labour Relations, has arranged to meet with the CUPE library workers' union negotiating committee shortly to discuss the implementation of the increases as soon as possible.

"I also understand that the representatives of the United Plant Guard Workers have accepted the AIB revised opinion and that a new settlement will be signed on Friday," Iacobucci said.

The difference between the negotiated settlement for both unions and the original amount allowed by the AIB has been held in trust, pending the latest decision of the Board. Interest at a rate of ½ percent a month will be paid on the difference between the amount actually paid out and the new amount now allowed to the unions.

The library workers are not pleased with the decision of the AIB. "We're basically still not happy with the settlement," said Superintendent Judy Darcy. "Our position now is that we want to join with other unions to get rid of wage controls."

Bulletin

University of Toronto

Friday March 19, 1976

No. 29 29th Year

GOVERNING COUNCIL

Fong appeal motion denied; protestors object

Members of the Governing Council yesterday defeated a motion calling upon President John R. Evans to appoint an independent review committee to investigate the circumstances leading to the compulsory withdrawal of a student, Henry Fong, from the fourth year of the medical program. A group of demonstrators sympathetic to Fong's case punctuated the meeting with cries of "Reinstate Henry Fong!" and eventually forced the adjournment of the meeting before any other business could be discussed.

The unsuccessful motion, presented by student member Seymour Kanowitz, provided that the proposed review committee would "make recommendations directly to the Governing Council regarding the final dispensation of Mr. Fong's appeal."

Vice-chairman Sydney Hermant, presiding in the absence through most of the meeting of Chairman C. Malin Harding, invited K. Dock Yip, a former member of the Toronto Board of Education; Prof. Peter Rosenthal, Dept. of Mathematics and a member of the Committee Against Racism; and Mr. Fong to make formal presentations to Governing Council in support of the motion. Among the arguments stressed

by the three speakers were: that Mr. Fong is the only medical student in the past 100 years "to be forcibly withdrawn within a month of completing his final year"; that the University should not permit even the appearance of racism in any of its decisions; that Mr. Fong, who came to Canada 10 years ago, has been made the victim of "an hysteria directed against Chinese students in the Faculty of Medicine"; and that some students with worse academic performance than Mr. Fong's have been allowed more chances than he to complete their year.

Mr. Hermant introduced discussion of the motion by reading to the crowded Council Chamber a memorandum prepared March 16 by University Ombudsman Eric McKee. The text of the McKee memo reads:

"In light of the motion regarding Mr. Fong's case which is be-

fore the Council, I feel that the Council should be aware that on January 19, 1976, I received a request from Mr. Fong that I review his compulsory withdrawal from the Faculty of Medicine and the subsequent decision of the Subcommittee on Academic Appeals in this matter.

"At that time I began an investigation of the case which is now largely completed, and I hope to release a report of my conclusions by the end of March.

"I would like to stress that this memorandum should not be construed as an effort to preclude any other action which the Council may deem appropriate in this matter.

A motion for postponement of debate until the Ombudsman's report is received was defeated.

Prof. Margaret Thompson, Dept. of Medical Genetics, reminded Council members of a

resolution passed unanimously by the Medical students' organization on March 15:

"It is the unanimous opinion of the Assembly of the Medical Society of the University of Toronto that the events surrounding the failure of Mr. Henry Fong, however unfortunate, represent a fair and just decision by the Faculty of Medicine. We strongly reject any implication that racial factors played a role in his failure. His withdrawal was clearly predicated by academic and clinical incompetence manifested over all years of medicine and therefore does not warrant further appeal."

President Evans called the Fong issue "an extraordinarily difficult case," and spoke of the great difficulty in persuading the parties to such a case of the impartiality of any internal review committee which might be established.

The proper solution, he suggested, is that any further review be undertaken by a properly constituted judicial body, namely the courts of the province.

Prof. William Dunphy, chairman of the Academic Affairs Committee, mentioned that there is precedent for a student to appeal a decision of the Subcommittee on Academic Appeals to the Divisional Court. (He noted

that in its three years of operation, the subcommittee has issued 29 decisions, 16 of which have been in favour of the student appellants.)

During the debate, the group of about 40 demonstrators applauded speeches made in support of Mr. Fong's reinstatement and criticised those speakers urging non-interference with the subcommittee's decision.

When the motion for an independent review committee was defeated by a large majority, the behaviour of the demonstrators prevented the continuation of the meeting.

Correction

The report in last week's issue of the *Bulletin* on the contract agreed to between the University and the Graduate Assistants' Association, contained the erroneous statement that the contract provides for collective job security for union members.

Collective job security was one of the union's demands not agreed to by the University's negotiating team.

The *Bulletin* regrets the error.

Watch your finger do the dialing

Commencing Sunday, March 21, all St. George campus telephone numbers with the prefix 928- will "take five" and begin anew with the prefix 978-.

Callers to the old exchange will be greeted with a recording and without enthusiasm.



photos by Merrin Associates

"He flies through the air with the greatest of ease..." but the white jerseyed Varsity hockey player in this photo seems to have forgotten to take the puck with him. It was one of the few errors the Blues made around the opposition net last weekend as they captured the Canadian Intercollegiate Athletic Union hockey championship with a 7-2 victory over the University of Guelph Gryphons. The victory, Varsity's eighth CIAU hockey title in the past 11 years under coach Tom Watt, was

sweet revenge for a 6-5 overtime loss to Guelph during the Ontario university playoffs in February.

Varsity captain Kent Ruhnke, who completed his five-year intercollegiate playing career with assists on the winning goals against both Concordia and Guelph, is shown displaying the Universities' Cup, emblematic of the championship. A panel of college coaches selected Ruhnke as the tournament's most valuable player.

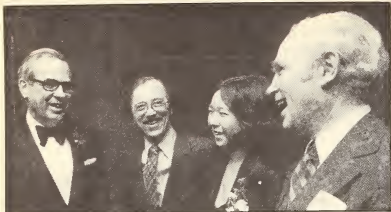
Varsity board seeks director

The Varsity Board of Directors invites applications for a position on the Board, to be appointed by the 14 incumbent Directors for a two-year term beginning July 1, 1976.

The Board represents the various estates in the University community and is responsible for the editorial integrity and the financial and business management of *The Varsity*.

Written applications should be addressed to Audrey Hozack, Chairman, Varsity Board of Directors, 91 St. George St., Toronto M5S 2E8. Applicants will be interviewed and a selection made at the Board's annual meeting on March 24.

Deadline for applications is 5 p.m., Friday, March 19.



(Left to right) Prof. R.A. Rosevear, Dean J. Beckwith, Mrs. C. Benson, Godfrey Ridout

Prof R A Rosevear honoured

On Saturday, Feb. 28, Prof. Robert A. Rosevear of the Faculty of Music was the guest of honour at a testimonial dinner commemorating his thirty years of service to music at the University and in Canada. Former students (including many from his first class), present students, colleagues and friends joined together at the Harbour Castle Hotel to pay tribute to a pioneer in the field of music education.

When Robert Rosevear first joined the Faculty of Music in 1946, music education in Ontario was a relatively new discipline in the school system. Today music is one of the mainstays of both the regular and extra-curricular programs. The assistance and leadership of Prof. Rosevear and his many students is undoubtedly a major factor.

A colleague and life-long friend, Godfrey Ridout, well-known Canadian composer and professor at the Faculty of Music, was commissioned by the Faculty alumni to compose a piece commemorating the occasion. *Taselmus's*, for wind ensemble was performed by a group of staff and students that evening and will certainly be an important contribution to Canadian musical literature.

Next year, Prof. Rosevear will be on a leave of absence. He has already begun his research into the history of the Faculty of Music, a book long overdue.

C.B.

FORUM

To the Editor:

When I first read the report that members of Local 204 of the Service Employees International Union were going to give up two weeks of employment per year in order that 125 of their fellow workers would not be laid off I felt very proud of my own trade union membership. After all, this is one of the tenets of unionism - helping one another. And it would not have been the first time in Canada that trade unionists have given up a wage increase or advocated a shorter work week to circumvent lay-offs or the demise of a company.

I regret that the original report was not confirmed - but even more, I was disappointed that a shop steward should have been supported such an announcement by his union - and then persuaded his fellows to support it. Finally, the statement that Mr. R. Gibson appreciates the gesture that the senior academic staff made in advocating a cut in their 1976 salary increase to enable the lay-offs to be rescinded was magnanimous to say the least. Pull up the ladder, Jack!!

E.E.C. Beaven
University of Toronto Press

BRIEFLY

The Ministry of Education and the Ministry of Colleges and Universities are jointly sponsoring three studies relating to the movement of students from Ontario secondary schools to provincially assisted universities and colleges of applied arts and technology. Completion is scheduled for November, 1976.

Dr. G. Ross Lord, Professor Emeritus of Mechanical Engineering and Department Head from 1956 until retirement in 1971, left on January 18 with Mrs. Lord for a four-to-six-months stay in Shiraz, the former capital of Persia. He has been invited by the Ontario Executive Services Overseas

and the Government of Iran, to assist a small consulting firm in tackling some of the water supply problems of Iran - where there is plenty of oil but not much water. Shiraz is 5200 feet above sea level, with a temperature range from -6 to 45 C. (20 to 113° F.).

Later this spring, Prof. William Irving, director of the Northern Yukon Research Programme in the U of T's Department of Anthropology, will appear on the C.B.C. television program *Science Magazine*.

The Northern Yukon Research Programme is supported by the program grant section of the Canada Council, the University, and the Connaught Foundation.

COU position on faculty citizenship

The following is the text of a statement on faculty citizenship which the Council of Ontario Universities is proposing to send to the Ministry of Colleges and Universities under the signature of each of the executive heads of the province's 15 universities:

"In view of the continuing expressions of concern about the citizenship of appointees to the faculty of Ontario universities, the executive heads wish to advise the Minister that each president intends to review the procedures in the selection of each new member of faculty before recommending any future appointments. The purpose of this review is to ensure that the president can be satisfied that:

"1. Each faculty opening has been properly advertised.

"2. The procedures employed in the review of candidates have resulted in fair consideration of all Canadian applicants.

"3. The qualifications for the particular post are clearly identified.

Dr. Evans informed Governing Council on Feb. 26 that he intends to follow these procedures at U of T.

Scholars discuss their craft

Thirty-six Connaught Graduate Scholars and Post-Doctoral Fellows were honoured at a special evening of informal debate and discussion at Massey College on Jan. 29. President John Evans acted as host.

The Connaught awards are made to graduate students of special excellence and promise, across all four divisions of the School of Graduate Studies; and the evening was planned so that the scholars and fellows might have the opportunity to meet one another as well as some of the senior scholars of the University, including the University Professors.

"The Relevance of University Research", the topic chosen for debate, was ably handled by a panel of four: Prof. John Leyrer (for the humanities), C.B. Macpherson (for the social sciences), Louis Siminovitch (life sciences). In introducing the panelists, the President commented that he had just returned from Ottawa, where he had been attempting to convince federal Cabinet ministers that University research is indeed relevant in terms other than those defined by Ottawa - which is to say those of immediate consumer demand.

The panelists proceeded to give the President ammunition for his next round with the government: from Prof. Leyrer's presentation of the "recreation" and "recreation" aspects of humanities research, in an impromptu three-man staging of the gravedigger scene from *Hamlet*; through Prof. Polanyi's emphasis on how modern technology has been made possible only through basic, non-applied scientific research; to Prof. Siminovitch's explanation of the possible practical benefits and

risks which can result from genetic research. Prof. Macpherson, taking a different tack, pointed out that society is in danger when university research becomes too clearly "relevant" to current governments' needs; government-oriented research both mutes the university's necessary critical function vis-a-vis government and distracts the university from its proper social task of training the future producers of knowledge.

Discussion ranged over various points: that it is difficult to persuade governments that universities cannot be dismantled and then rebuilt immediately when needed; that even in the 1960s, when funds were in far greater supply than at present, university research was being funded merely adequately, not well; that the rapidity with which problems de-

velop in today's society requires that continual on-going basic research be done - which can then be applied at once to any newly-emerging problem; that universities should make their case to government on intellectual grounds rather than playing numbers games.

The subject of discussion was particularly appropriate in that the University's Connaught funds are intended for the promotion both of research in the public interest and of excellence in research. President Evans, congratulating the Connaught Scholars and Fellows on their awards, commented that as a group they have a reputation for excellence to establish, and that no one doubts that indeed they will establish it in short order.

A.L.

Narrative colloquium

An international colloquium on "Interpretation of Narrative" arranged by the Graduate Programme in Comparative Literature and the School of Graduate Studies will be held March 25-27. Colloquium sessions will be in room 2158 of the Medical Sciences Building. Public lectures will be given March 24 - 26 in room 3 of the New Academic Building, Victoria College. (See Events)

Topics for discussion are: Thursday, March 25 at 10 a.m., "Formalist Analysis of the Narrative" and at 2 p.m., "Verification of Formalist Analysis"; March 26 at 10 a.m., "Hermeneutic Interpretation of the Narrative" and at 2 p.m., "Verification of Hermeneutic Interpretation"; March 27 at 10 a.m., "Formalist and

Hermeneutic Criticism in Conflict and Concord". Saturday afternoon at 2 p.m. the participants will give concluding commentary. Workshops on interpretation will be held Thursday and Friday mornings at 8.30 a.m. in room 3274 of the Medical Sciences Building.

The colloquium is being supported by the Canada Council, the Departments of English, French, German and Hispanic Studies, Victoria College, SGS and the Varsity Fund.

Registration fee is \$10, students \$5. More information is available from the Graduate Programme in Comparative Literature, 14th floor, Robarts Library, telephone 928-6363 to March 20 and after that 978-6363.

Native training program at U of T

A group of 17 Ontario Native Indian leaders, working with children in 15 centres throughout the province, will be participating in a special four-week training program on the St. George campus during the summer.

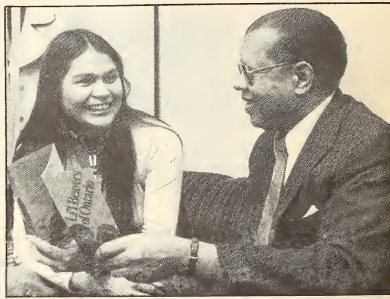
The program, co-ordinated by the University and the Ontario Federation of Indian Friendship Centres (OFIFC), will be housed in the Faculty of Social Work. It is financed by a \$200,000 grant from the Atkinson Charitable Foundation.

Participants are all members of Li'l Beavers of Ontario, a native youth club organized by the Ontario Federation of Indian Friendship Centres and serving more than 2,000 Native youngsters. Li'l Beavers is designed to aid in the maturation process of Native youth by combining learning with experience in a relaxed environment the youths can readily identify with.

Susan Daybitch, Li'l Beavers program co-ordinator, says the real importance of the training session is that it will afford the opportunity to those who, lacking the necessary educational requirements, could not, under normal circumstances, experience an academic environment.

Only 40 percent of Ontario's Native population complete Grade Eight, and 90 percent drop out before completing high school. Ms. Daybitch believes one factor is the lack of schools on the reserves and the loss of family life when the children are transferred to schools elsewhere.

Ms. Daybitch, 23, was born on the Mississauga Reserve northwest of Sudbury and graduated from the University of British Columbia in 1972. For the past 18 months she has been editor of *Ontario*



Susan Daybitch and Dr. Daniel Hill chat about Li'l Beavers of Ontario

Native Experience, a newspaper produced by OFIFC, while currently teaching a training course on Native Children at Confederation College in Thunder Bay.

She says that those who complete the summer training session at the University will be better equipped to carry out their own goals and to positively influence the lives of other native children.

During the first two-week section of the program, from May 17-28, the participants will study a curriculum including child psychology, inter-personal relationships, cultural awareness, use of community resources, health and hygiene, recreation planning, public speaking, and traditional Native sports and games. Native instructors will share teaching duties with members of the U of T faculty.

The 17 participants will return for a second two-week section to be held either in the late summer or early fall.

Ms. Daybitch says the program hopes to generate cultural awareness and pride in the Native heritage. It also knowledge and expertise in Native arts and crafts, and provide support for Indian children in the pursuit of their educational and career goals.

Dr. Daniel Hill, Special Adviser on Human Rights Matters to President John R. Evans, has worked with Ms. Daybitch to co-ordinate the program. He believes that one important message the 17 Native students will be able to carry to the small towns and reserves in which they'll work is that the University is within their reach and as a public institution is here to serve them.

RESEARCH NEWS

More Funds for Energy Research and Development

It has recently been announced by the Energy Minister that federal government funding for energy research and development will be increased by more than \$10 million over the next year. Of this sum, \$647,000 in supplemental funding will be made available for the fiscal year ending April 1, 1976.

Energy research and development will take place in six priority areas: conservation, liquid and gas fuels, coal, nuclear energy, renewable energy and the transportation and transmission of energy.

The funds will be shared by

Energy, Mines and Resources, Environment Canada, the Transport Development Agency of Transport Canada, and the National Research Council. It is expected that more than half the money will be spent outside the government in the form of government contracts.

Application Deadline

April 15 is the deadline for receipt by Health and Welfare Canada of Welfare Directorate research grant and continuation applications. Applicants for research support are reminded that applications should be forwarded to ORA at least 10 working days prior to the agency deadline date.



Appearing in "Child Safety Is No Accident", a new public service film produced by the Media Centre, are former Olympic Gold Medal winner, Nancy Greene Raine and Dr. James Fallis, Director of the Emergency Department, Hospital for Sick Children. The film was produced in co-operation with the Hospital for Sick Children and was sponsored by The Prudential Insurance Company of America, Canadian Operations.

JOB OPENINGS

Below is a partial list of job openings at the University. Interested applicants should read the Promotional Opportunity postings on their staff bulletin boards, or telephone the personnel office for further information. The number in brackets following the name of the department in the list indicates the personnel officer responsible. Please call:

(1) - Sylvia Holland, 928-6470; (2) - Wendy Chin, 928-5468; (3) - Manfred Wewers, 928-4834; (4) - Ann Sarsfield, 928-2112; (5) - David Christman, 928-7308. After March 21, telephone 978.

Clerk Typist II (\$6,480 - 7,620 - 8,760)
Physical Plant (5)

Clerk Typist III (\$7,130 - 8,390 - 9,650)
Vice President Provost Office (1), Guidance Centre (2), School of Continuing Studies (2)

Secretary I (\$7,130 - 8,390 - 9,650)
Institute of Biomedical Engineering (5), Urban & Regional Planning (5), Applied Science & Engineering (1), Woodsworth College (2), Continuing Studies (4), Clinical Biochemistry (4)

Secretary II (\$7,850 - 9,230 - 10,610)
Health Administration (4), Dentistry (1), Speech Pathology (4)

Secretary III (\$8,640 - 10,160 - 11,680)
Vice President Business Affairs Office (1), School of Continuing Studies (2)

Laboratory Technician I (\$7,850 - 9,230 - 10,610)
Erindale College (2)

Laboratory Technician II (\$9,610 - 11,300 - 13,000)
Dentistry (1)

Laboratory Technician III (\$10,600 - 12,470 - 14,340)
Physiology (4)

Engineering Technician I (\$9,120 - 10,730 - 12,340)
Obstetrics & Gynaecology (4)

Personal Counsellor (Sessional) (\$13,060 - 15,370 - 17,680)
Innis College (1)

Bernstein series on radio

The School of Continuing Studies and radio station CJRT-FM at the Ryerson Polytechnical Institute have arranged a special seminar series in conjunction with the forthcoming broadcast of a unique 17-record album featuring noted American musician and conductor Leonard Bernstein.

In 1975, Bernstein delivered the Charles Eliot Norton Lectures at Harvard University, and the controversial series, "The Unanswered Question", has now been produced in album format. CJRT-FM will broadcast the complete recordings on six consecutive Sunday evenings, April 4 - May 9, from 7 - 10 p.m.

The School of Continuing Studies has arranged a parallel series of six preview seminars for people wishing to have the opportunity both to hear Bernstein's lectures a second time and to discuss each lecture with a knowledgeable critic. Prof. Geoffrey Payzant, Department of Philosophy, a specialist in the aesthetics of music, will lead the discussions.

The Preview-Seminars will be presented on six successive Wednesdays, March 31 - May 5, from 7:30 - 10:30 p.m. at 121 St. George St.

Fee for the complete series is \$12.

Chairman sought

Professor C. B. Alcock has decided, after serving for seven years, to relinquish his responsibilities as chairman of the Department of Metallurgy and Materials Science, so that he can concentrate fully on his scientific and scholarly work. A Search Committee to name his successor has been appointed as follows:

Dean B. Erkin, Chairman; Dean G.D. Scott, Profs. M.E. Charles, R.G. Fenton, S.N. Flengas and W.A. Miller.

Any communications or recommendations concerning this appointment will be welcomed by the Search Committee and should be directed to Dean Erkin.

Student positions on SGS Council

Three student representatives will be elected to the SGS Council for each of the four divisions of the Graduate School. Nomination forms may be obtained at any graduate department office, the Graduate Students' Union office, and the School of Graduate Studies.

Student nominations will be open until 4 p.m., March 26. Completed nomination forms must be returned to the School of Graduate Studies prior to this time to be valid.

Elected members will serve for one year until June 30, 1977.

Election will be by mailed ballot. The constituencies are:

DIVISION I Humanities

Classical Studies
Comparative Literature
Drama
East Asian Studies
English
French Language & Literature
Germanic Languages & Literature
Hispanic Studies
History
History of Art
History & Philosophy of Science & Technology

DIVISION II Social Sciences

Italian Studies
Linguistics
Medieval Studies
Middle East & Islamic Studies
Music
Near Eastern Studies
Philosophy
Sanskrit & Indian Studies
Slavic Languages & Literatures

DIVISION III Physical Sciences

Anthropology
Criminology
Culture & Technology
Educational Theory
Geography
Industrial Relations
International Studies
Law
Library Science
Management Studies
Policy Analysis
Political Economy
Russian & East European Studies
Social Work
Sociology
Urban & Community Studies
Urban & Regional Planning

DIVISION IV Life Sciences

Aerospace Science & Engineering
Applied Statistics
Architecture

Astronomy
Biomedical Engineering
Chemical Engineering
Chemistry
Civil Engineering
Computer Science
Electrical Engineering
Environmental Studies
Geology
Industrial Engineering
Mathematics
Mechanical Engineering
Metallurgy & Materials Science
Physics

DIVISION IV Life Sciences

Anatomy
Biochemistry
Botany
Clinical Biochemistry
Community Health
Dentistry
Forestry
Immunology
Medical Biophysics
Medical Science
Microbiology & Parasitology
Nursing
Nutrition & Food Science
Pathology
Pharmacology
Pharmacy
Physiology
Psychology
Surgery
Zoology

Research on new roles for dirigibles

The tragic burning of the Hindenburg nearly 40 years ago appeared to bring to an end the development and use of lighter-than-air vehicles for non-military applications. With increasing supplies of helium, a safe gas, and the decades of advances in aeronautical engineering, has come a new view of the dirigible's potential.

Dean Ben Erkin of the Faculty of Applied Science and Engineering, who is interested in the subject, recently visited the U.S. Naval Air Development Center near Philadelphia where engineers from several American universities met with naval researchers to examine some of the problems associated with lighter-than-air vehicles. The U.S. Navy has been the principal proponent of such craft since the Hindenburg.

For some time, aeronautical engineers have been considering whether there might not be great benefits in trying to apply the remarkable advances in aviation technology of the past 30 years to lighter-than-air vehicles, though they recognize that both benefits and applications have to be very

significant to beat out the jumbo jet, for example, which is a very efficient piece of machinery and very economical to operate.

Erkin doubts that dirigibles have any application to passenger travel, because of their slow speed, the relatively large and unpredictable effects of winds, and the possible fear of such a mode of travel among the general public.

The effects of atmospheric turbulence (gustiness) would be expected to be quite different for a large dirigible as compared with an airplane. A 1,000 foot dirigible "matches" the sizes of atmospheric eddies at altitudes of a few thousand feet rather than the way a 300 foot boat "matches" rough water with a dominant wave-length of about 300 feet. Effects on both the steering and the integrity of the vehicle's structure would be important problems for solution.

Despite these problems, engineers do feel that there are applications where dirigibles have advantages and economies, especially of cost. In cargo lifting, for example, helicopter rotors can be added; power is needed only to partially

lift the cargo and provide control, but not to keep the vehicle airborne - the helium does that.

The helicopter that was used to put the sections on the top of the CN Tower is about as powerful as such a machine economically can be. A dirigible could lift much larger loads and hover for a long time. But ways must be found to keep it in one spot and make it strong enough to withstand the stresses imposed by the turbulent wind. Unloading and supplying ships at sea or in dock are possible uses for this type of vehicle. Some container ports are jammed with long waiting lines of ships because of a shortage of equipment capable of unloading heavy containers.

A dirigible can be airborne for weeks at a time; it can deliver large cargoes across long distances, slowly to be sure, but cheaply. As well it can land where no runways are available.

Dean Erkin expects that some research will be undertaken at the Institute for Aerospace Studies on the critical problem of turbulence effects.

EVENTS

Friday, March 19— Saturday, March 27

FRIDAY 19

Causation and Properties (Lecture) Prof. Sydney Shoemaker, Department of Philosophy, Cornell University. Common Room, 10th floor, 215 Huron St. 4 p.m. (Philosophy and SGS)

Chinese Alchemy and the Manipulation of Time (Colloquium) Prof. Nathan Sivin, Technology Studies Program, Massachusetts Institute of Technology. 418 Textbook Store. 4 p.m. (IHPST)

Synthetic Studies in Metalloporphyrins (Colloquium) Prof. J. E. Baldwin, Massachusetts Institute of Technology. 158 Lash Miller Chemical Laboratories. 4 p.m.

Flip-Flop Nozzles (Seminar) Prof. Hermann Vits, Wright State University. Main lecture hall, Institute for Aerospace Studies. 2 p.m.

New Texts in Old English (Seminar) Dr. R.L. Page, Corpus Christi College, Cambridge. Common Room, Pontifical Institute of Mediaeval Studies. 4 p.m. (Mediaeval Studies and SGS)

Dance Movement and Gymnastics featuring combat performance groups. Sports gym, Benson Building. 8 p.m. (Women's Athletic Association)

The Heathen in His Blindness, documentary play based on life in Mississauga Indian village located on west bank of Credit River; researched, written and performed by Erindale College students. Studio Theatre, Erindale College. March 20 at 2 and 8.30 p.m., March 20 at 8.30 p.m. Information 828-5216.

SATURDAY 20

J. B. Tyrrell and the Canadian Sub-Arctic (Lecture) Prof. George J. Luste, Department of Physics. Convocation Hall. 8.15 p.m., doors open 7.30 p.m. (Royal Canadian Institute)

SUNDAY 21

Ode to Spring, Concert by Mississauga Symphony and Choral Society. Meeting Place, South Building, Erindale College. 3 p.m.

U of T Concert Band, conductor Stephen Chenevix Trench, MacMillan Theatre, Edward Johnson Building. 3 p.m.

MONDAY 22

Kinetics of the Bose Gas Passing through the Critical Point (Lecture) Dr. Yevgeny Levich, senior scientist, Department of Nuclear Physics, Weizmann Institute of Science, Rehovot, 137 North Wing, McEwen Physical Laboratories. 11.10 a.m.

American Drama (Lecture) Prof. Walter Meserve, Department of Theatre and Drama, Indiana University. Upper Library, Massey College. 4 - 6 p.m. (Drama Centre and SGS)

The Sephardic Jews of Gibraltar: A Study in Genetics, Demography and Culture (Lecture and discussion) Prof. Larry Sawchuk, visiting lecturer, Scarborough College. 572 Sidney Smith Hall. 4 - 5.30 p.m. (Anthropology Student Union)

Wyclif and the Reform Movement of the Fourteenth Century (Lecture) Mr. Jeremy Catto, Oriol Col-

lege, Oxford. Common Room, Pontifical Institute of Mediaeval Studies. 4.15 p.m. (Mediaeval Studies and SGS)

Early problems in number theory: Fermat, Wallis and Euler (Third of four special lectures) Prof. Christoph J. Scriba, Canada Council Cultural Exchange Professor from Institut für Geschichte der Naturwissenschaften, Universität Hamburg. IHPST Common Room, 418 Textbook Store. 7 p.m.

L'Avenir du Français, langue internationale ou idiome local (Lecture) Marc Blancpain, secretary-general, Alliance Française de Paris. Great Hall, Hart House. 8 p.m.

Chamber Concert with members of Hamilton Philharmonic Institute. Meeting Place, South Building, Erindale College. Music week noon hour concert.

Janet MacFarlane (Spring organ recital) Convocation Hall. 5.05 p.m.

In Praise of Hands and other films on Canadian crafts, International Student Centre. 1 p.m. To be followed by open meeting to organize craft classes at ISC.

TUESDAY 23

Le Refus Global de Borduas, mythe et réalité (Lecture) Prof. Gilles Rioux, Concordia University. 205 New Academic Building, Victoria College. 4 p.m. (French and SGS)

The 1930 Theatre Guild Production of Tretiakoff's Rour Chien (Lecture) Prof. Walter Meserve, Department of Theatre and Drama, Indiana University. Upper Library, Massey College. 4.15 p.m. (Drama Centre)

Oler's Dreams (Lecture) Dr. Charles G. Roland, Mayo Foundation, Rochester. 3163 Medical Sciences Building. 5 p.m. (IHPST, Hannah Institute for the History of Medical and Related Sciences, and Faculty of Medicine)

Ring Galaxies and Round Galaxies (Seminar) Dr. A. Toomre, Massachusetts Institute of Technology. David Dunlap Observatory. 4 p.m. (Astronomy and SGS)

Wyclif and the Cult of the Eucharist (Seminar) Mr. Jeremy Catto, Oriol College, Oxford. Room A, Pontifical Institute of Mediaeval Studies. 4.15 p.m. (Mediaeval Studies and SGS)

Erindale College Stage Band, Meeting Place, South Building, Erindale College. Music week noon hour concert.

Scarborough Songs directed by Garry Crighton. H-214 Scarborough College. 12 noon.

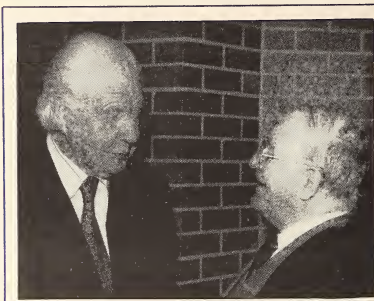
Mara Milks viola (Noon hour classical concert) Music Room, Hart House. 1.10 p.m.

Dance Films, Upper Lounge, Benson Building. Two showings, 6 and 8 p.m. (Women's Athletic Association)

WEDNESDAY 24

Politics and Religion in the Post-Exilic (Persian) Period (Lecture) Rev. Prof. Peter R. Ackroyd, University of London King's College. 256 University College. 4 p.m. (Near Eastern Studies and SGS)

Electrophysiology and Ion Transport in Plants (Lecture) Dr. Noe



Lord Robbins (left) hobnobs with Prof. Vincent Bladen

The Wealth of Nations celebrated

March 9, 1976, was the bicentennial of publication of Adam Smith's *The Wealth of Nations*, the foundation stone of modern political economy, and the University community celebrated the occasion in three special events.

On the afternoon of March 9, a public symposium was held on the work of Adam Smith, with Professor Scott Gordon of the University of Indiana as moderator, and Lord Robbins as the opening speaker. Among the participants were Profs. C.B. Macpherson and Samuel Hollander.

That evening, a dinner was held in Massey College. The Master presided and 100 guests from 25 universities attended. There were speeches by Lord Robbins and by Profs. Gordon, H.C. Eastman, and V.W. Bladen. The guests at that dinner signed two commemorative books printed and bound at the University of Toronto Press: one copy is being sent to Kirkcaldy, Scotland, where Adam Smith was born; the other rests in the Archives.

On the preceding Saturday, March 6, Professor Ericrich W.E. Swinton, another native of Kirkcaldy, spoke on "Adam Smith the Man" under the joint auspices of the Royal Canadian Institute and the University.

I.M.

Higinbotham, Department of Botany, Washington State University. Room 7 Botany Building. 4 p.m. (Botany and SGS)

Etruscan Life in Ancient Northern Italy (Lecture) Prof. Larissa Bonfante Warren, Department of Classics, New York University. Lecture Room, McLaughlin Planetarium. 4.30 p.m. (Archaeological Institute of America-Toronto Society)

The Fine Art of Choosing: Theory and Practice (Eighth lecture in series of ten) The So-called Field of Honour, Part I: A Duel-Live, Onstage. Prof. John Senders, Department of Industrial Engineering, 1016 New College, Wilcocks St. 7.30 p.m.

The Semiotics of Realism (Lecture in conjunction with colloquium) Interpretation of Narrative. Prof. Fredric Jameson, Department of Literature, University of California, San Diego. Room 3 New Academic Building, Victoria College. 5 p.m. (Comparative Literature and SGS)

What young children DO know about numbers (Colloquium) Prof. Rochel Gelman, University of Pennsylvania. 2118 Sidney Smith Hall. 4 p.m. (Psychology)

Victoria Women's Association (Meeting) Prof. R.C. Hutchinson, Department of Religious Studies, Victoria College. Wymwood. 2 p.m.

Voices and Strings featuring Erindale College Choir and Doug Haefforth, violin. Meeting Place, South Building, Erindale College. Music week noon hour concert.

Jazz Concert, East Common Room, Hart House. 12 noon.

Humber River Valley Boys' Meeting, Place, Scarborough College. 12.15 and 1.15 p.m.

Debbie Kirshner, violin. Music Room, Hart House. 8.30 p.m.

THURSDAY 25

Technical-Electrical Considerations of EHV/UHV Electric Energy Transmission (Lecture) Prof. Stephen A. Sebo, Department of Electrical Engineering, Ohio State University. 248 Galbraith Building. 3 p.m. (Electrical Engineering and SGS)

Unearthing the Social Dimension in the Era of the Common Man (Lecture) Prof. Edward Pessen, City University of New York, visitor to Department of History. 134 McLennan Physical Laboratories. 4 p.m.

Kol'tsov and His Institute: Evolution and Genetics in Post-Revolutionary Russia (Lecture) Prof. Mark B. Adams, Department of History and Sociology of Science, University of Pennsylvania. 323 Textbook Store. 4 p.m. (IHPST)

The Effects of Anaesthetics on Cardiac Metabolism: Implications for the Clinician (1976 Dr. Murray Mendelson Lecture) Dr. Robert Martin, Department of Anaesthesiology, University of Rochester. Main lecture theatre, Toronto General Hospital. 4 p.m.

Ontogeny and Phylogeny: Gene Regulation, Development Rate, and a Defence of Human Neoteny (Lecture) Dr. Steven Gould, Museum of Comparative Zoology, Harvard University. 432 Ramsay Wright Zoological Laboratories. 4 p.m.

The Strategies of Narrative (Lecture in conjunction with colloquium) Interpretation of Narrative. Prof. Wolfgang Iser, Department of Literary Studies, University of Constance. Room 3 New Academic Building, Victoria College. 5 p.m. (Comparative Literature and SGS)

Physics of Integrated Optics (Colloquium) Dr. P.K. Tien, Bell Telephone Laboratories. 102 McLennan Physical Laboratories. 4.10 p.m.

An Interactive Case Study of Freight Rate Policy (U of T - York Joint Program in Transportation research seminar) Prof. D.V.J. Bell. Front conference room, 150 St. George St. 2 p.m.

Pollution of the Stratosphere - Crisis or Flash-in-the-Pan? (Seminar) Dr. F.K. Hare, director, Institute for Environmental Studies. 211 Haultain Building. 4 p.m.

Toronto jazz sounds of Nimmoms' a Nine Plus Six, Meeting Place, South Building, Erindale College. Music week noon hour concert.

Toronto Quartet directed by Garry Crighton. H-214 Scarborough College. 1 p.m.

David Fallis piano (Noon hour classical concert) Music Room, Hart House. 1.10 p.m.

Ontario Science Centre tour, From International Student Centre at 1 p.m.

FRIDAY 26

A Visit to Communist China (Third in a series of four lectures) Prof. Vic Falkenheim, Political Science, Scarborough College. Meeting Hall, Scarborough Civic Centre. 12 noon.

Ariadne's Thread: Fiction and Repetition (Lecture in conjunction with colloquium) Interpretation of Narrative. Prof. J. Hillis Miller, Department of English, Yale University. Room 3 New Academic Building, Victoria College. 5 p.m.

Soviet Genetics (Colloquium) Prof. Mark B. Adams, University of Pennsylvania. 418 Textbook Store. 2 p.m. (Refreshments will be served. IHPST)

Planes of Time in the Aeneid (Seminar) Dr. Agnes Michels, Professor Emeritus, Department of Classics, Bryn Mawr College. 148 University College. 3 p.m. (Classics and SGS)

Classical Saxophone Quartet, Meeting Place, South Building, Erindale College. Music week noon hour concert.

SATURDAY 27

A moral dilemma: Christianity vs Humanism (Trinity annual spring seminar) Rt. Rev. Michael Ramsey, former Archbishop of Canterbury, in discussion of differences between Christian and humanist outlook followed by workshops to discuss questions raised. Seeley Hall and the Buttery, Trinity College. 9.30 a.m. - 4 p.m. Tickets \$8, students \$4, include lunch. Information 928 (978)-2651.

Items to be included in Events must be received at the Department of Information Services, 45 Wilkocks St., by 4 p.m. of the Friday before the issue of the Bulletin in which they are to be listed.